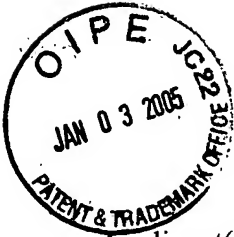


IFW



PATENT
Attorney Docket No.: SAM-0496

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Young-Kyun Cho

Serial No.: 10/693,235

Filing Date: October 24, 2003

Title: DIFFERENTIAL CHARGE PUMP AND METHOD THEREFOR, AND PHASE
LOCKED LOOP AND METHOD THEREFOR USING THE PUMP AND
METHOD

Examiner: Tra, Anh Quan

Group Art Unit: 2816

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8

I hereby certify that this correspondence is being deposited with the United States Post Office as First Class Mail on the date indicated below in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

12-29-04
Date

Vanessa Marakas
Vanessa Marakas

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

AMENDMENT A

Sir:

The following is in response to the Office Action dated October 22, 2004, and is filed within the shortened statutory period of three months. Please amend the application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 7 of this paper.



PATENT
Attorney Docket No.: SAM-0496
Customer No.: 29344

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Young-Kyun Cho
Serial No.: 10/693,235
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Vanessa Marakas
Vanessa Marakas

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER

Sir:

Enclosed herewith for filing in the above-identified patent application please find the following listed items:

1. Amendment Transmittal;
2. Amendment A in response to Office Action mailed on October 22, 2004; and
3. Return Postcard.

In connection with the foregoing matter, please charge any additional fees which may be due, or credit any overpayment, to Deposit Account Number 50-1798. A duplicate copy of this letter is provided for this purpose.

Respectfully submitted,

Date: 12/29/04
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Facsimile: (617) 742-7774
J:\SAM\0496\amend a\transamendmenta.wpd

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